FLINT, V.Ye.; KRIVOSHEYEV, V.G.

Changes in the ornithofauna of the Izmaylovo Park during the last 25 years. Ornitologiia no.5:300-308 '62. (MIRA 16:2)
(Moscow--Birds)

KRIVOSHEYEV, V.G.

Morphobiological characteristics of the vole Microtus hyperboreus Vinogr. of northern Siberia. Zool. zhur. 42 no.5:752-762 '63. (MIRA 16:7)

1. Yakutian Branch of the Siberian Department of the Academy of Sciences of the U.S.S.R.
(Russia, Northern--Field mice)

KRIVOSHEYEV, V.I.; TSINZERLING, A.V.

Development of cadidiasis in a patient operated on for calculous cholecystitis. Vest.khir. 85 no.12:108-109 D '60.
(MIRA 14:1)

1. Iz 1-go voyenno-morskogo ordena Lenina gospitalya (nach. - Ye.Ye. Polishchuk).
(MONILIASIS) (CALCULI, BILIARY)

KRIVOSHEYEV, V.I. [Krivosheiev, V.I.]

Treasury of progressive experience. Mekh. sil'. hosp. 9 no. 7:9-11 Jl '58. (MIRA 11:8)

1. Direktor Vistavki peredovogo dosvidu v narodnomu gospodarstvi UkSR.

(Kiev--Exhibitions)

KRIVOSHEYEV, V.I. [Kryvosheiev, V.I.]

Exhibits of the Ukraine. Nauka i zhyttia 9 no.9:15-17 S '59.
(MIRA 13:1)

1.Direktor pavil'ona USSR na mezhdunarodnoy vystavke v Marsele, Frantsiya.
(Marseilles--Exhibitions)
(Ukraine--Industries)

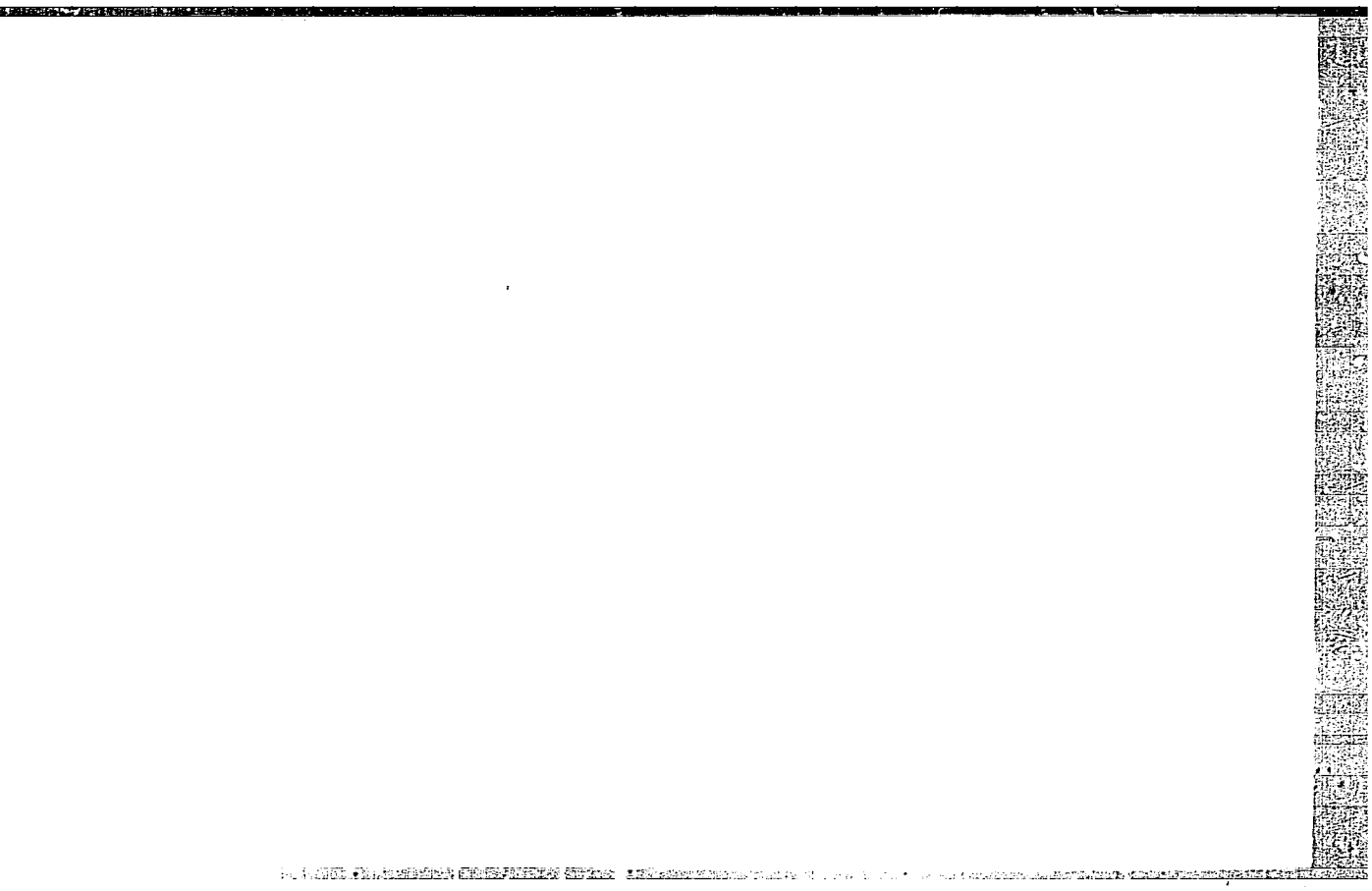
KRIVOSHEYEV, V.I. [Kryvosheiev, V.I.]

Put agricultural machinery and equipment on a standard required to meet new tasks. Mekh. sil'. hosp. 12 no. 6:1-2 Je '61.
(MIRA 14:5)

1. Predsedatel' Ukrainskogo respublikanskogo ob"yedineniya. "Ukrsil'gosptekhnika."
(Agricultural machinery)

KRIVOSHEYEV, V.I.; MUSHIN, A.Z.; GOMBINER, B.Ya.; KASHNITSKIY, L.A.

Large-scale introduction of hydraulic fracturing in oil fields.
Neft. khoz. 38 no.4:8-14 Ap '60. (MIRA 14:8)
(Oil wells--Hydraulic fracturing)



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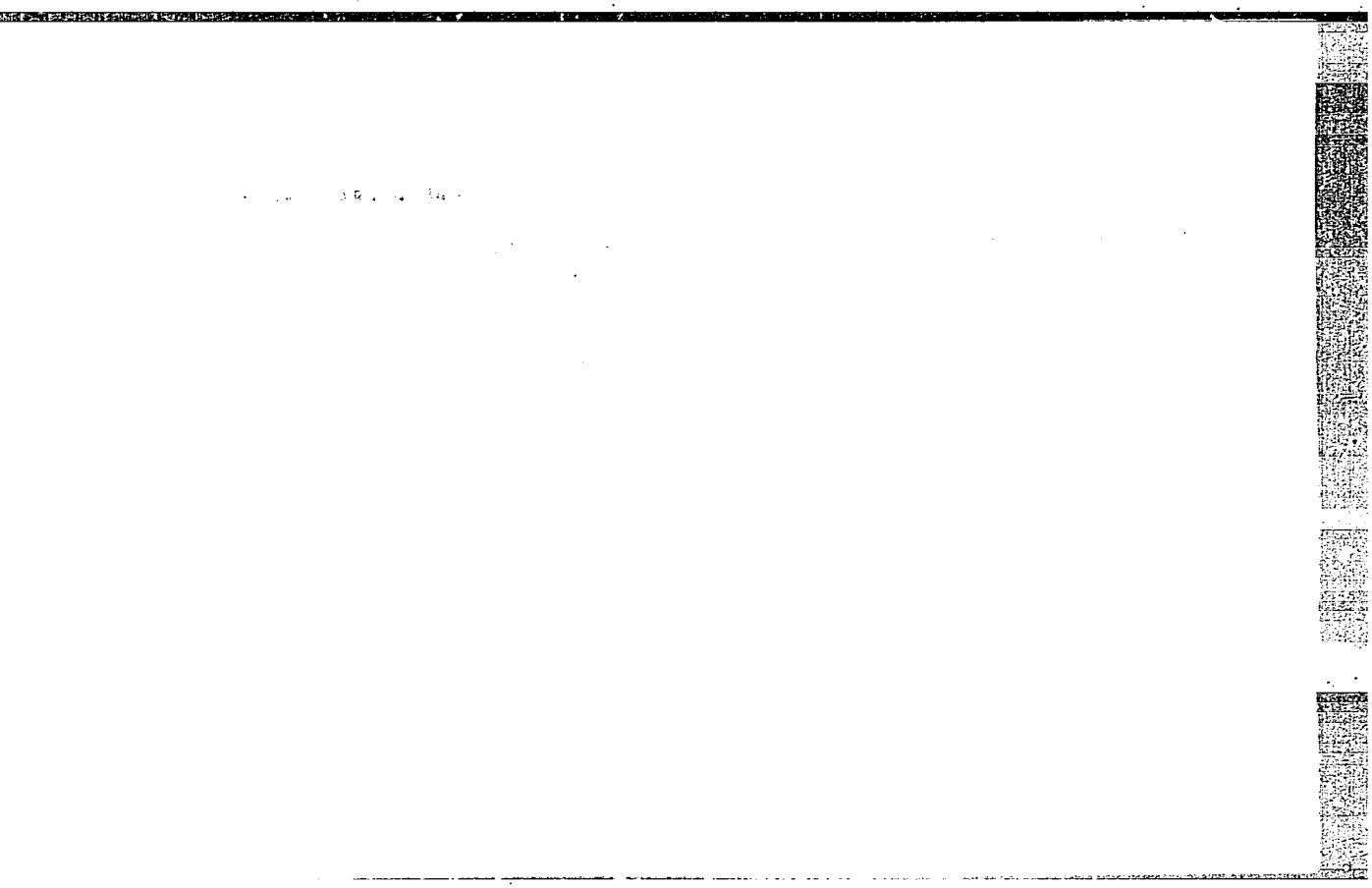

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SOOLYATTE, Valentina Ivanovna, kosmetolog; LIMBERG, Alla Aleksandrovna, kand.med.nauk, khirurg; MUKHIN, Mikhail Vladimirovich, doktor med. nauk, prof.; BONDARCHUK, Anton Vasil'yevich, neyrokhirurg, laureat Gosudarstvennoy premii, doktor med. nauk; KRIVOSHEYEV, Vasiliy Ivanovich, kand.med.nauk; KOZHEVNIKOV, Petr Vasil'yevich; ZYKOV, N.

A new type of plastic surgery. Nauka i zhizn' 30 no. 6:81-83 Je '63. (MIRA 16:7)

1. Otdeleniye chelyustno-litsevoy khirurgii Leningradskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii (for Limberg). 2. Voyenno-meditsinskaya akademiya imeni S.M. Kirova (for Mukhin). 3. Zaveduyushchiy khirurgicheskim otdeleniyem Leningradskoy kosmetcheskoy poliklinik (for Krivosheyev). 4. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Kozhevnikov).

KRIVOSHEYEV, V. I.[Kryvosheiev, V. I.]

All efforts should be made to fulfill the resolutions of the November Plenum of the Central Committee of the CPSU. Mekh. sil'. hosp. 14 no.1:1-2 Ja '63. (MIRA 16:4)

1. Predsedatel' respublikanskogo ob"yedineniya "Ukrsil'gosptekhnika".

(Ukraine—Farm mechanization)

KRIVOSHEYEV, V.K., kand. tekhn. nauk; FONIN, A.N., inzh.

Studying the speed regime of the cutting apparatus of the ZhRB-4,9 harvester. Mekh. i elek. sots. sel'khoz. 21 no.5:52-53 '63. (MIRA 17:1)

1. Melotopol'skiy institut mekhanizatsii sel'skogo khozyaystva.

KRIVOSHEYEV, V.K., kand. tekhn. nauk; FONIN, A.N., inzh.

Increasing the speed of mowing units. Trakt. i sel'khozmash. 33 no.9:25-28 S '63. (MIRA 16:10)

1. Melitopol'skiy institut mekhanizatsii sel'skogo khozyaystva.
(Harvesting machinery)

KRIVOSHEYEV, V.K. [Kryvosheiev, V.K.], kand.tekhn.nauk; FONIN, A.N., inzh.-mekhanik

Operating ZhRB-4,9 reapers at increased speed. Mekh. sil'. hosp. 12 no. 6:8-9 Je '61. (MIRA 14:5)
(Grain—Harvesting)

KRIVOSHEYEV, V.M. [Kryvosheiev, V.M.]

Reconditioning the parts of the PD-10 starting motor. Mekh. sil'. hosp. 14 no.7:29 Jl '63. (MIRA 17:2)

1. Starshiy inzh. Donetskogo oblastnogo ob"yedineniya "Sil'gosp-tekhnika".

KRIVOSHEYEV, V. M.

AID P - 1926

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 6/31

Author : Krivosheyev, V. M., Eng.

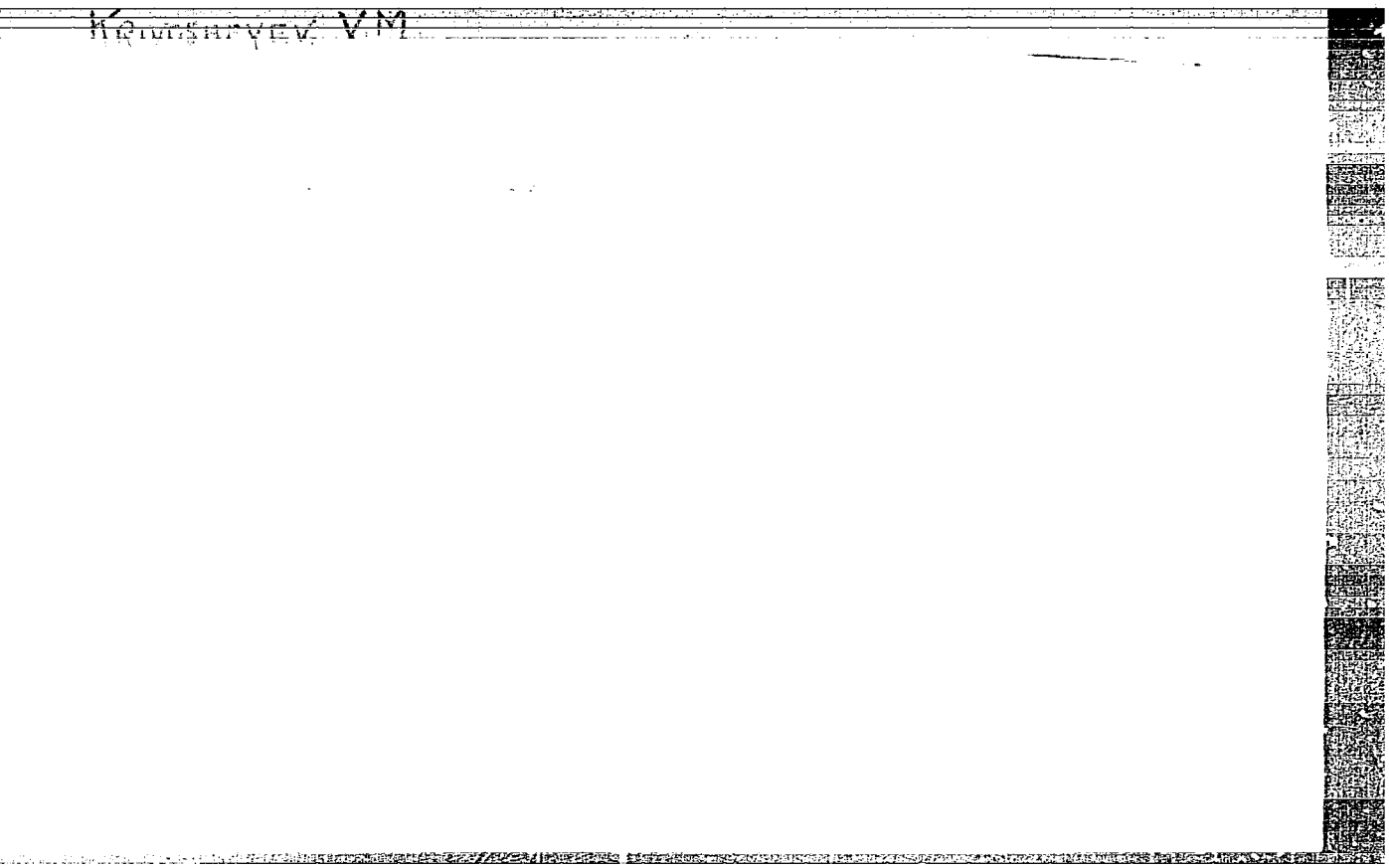
Title : Inductive impulsive-relay for the automatic control of the speed of furnace chain grates

Periodical : Energetik, 3, 12-14, Mr 1955

Abstract : The author describes this installation at one of the LENENERGO (Leningrad Power System) electric power stations. He gives details of electric connections and of the operation of the relay. Two connection diagrams.

Institution: None

Submitted : No date



SOV/112-58-2-1960

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1958, Nr 2, p 28 (USSR)

AUTHOR: Krivosheyev, V. M.

TITLE: Operating Experience with Automatic-Combustion and Feed-Water Regulators on Drum-Type Boilers at Lenenergo Electric Stations (Opyt ekspluatatsii avtomaticheskikh regulyatorov protsessov goreniya i pitaniya barabannykh parovykh kotlov na elektrostantsiyakh Lenenergo)

PERIODICAL: Teploenerg. pribory i regulyatory, M.-L., Mashgiz, 1956, pp 202-215

ABSTRACT: The Lenenergo Thermal Automation Laboratory has developed and built a combustion-regulating system operating on "fuel-air" principle and having an air-supply correction depending on the CO_2 content of flue gases. The correction is effected by a standard electric type TED-49 gas analyzer, to which a contact galvanometer or a type ERT electronic regulator is added for controlling the correcting column. To adjust for optimum values, an electric bridge circuit is used with variable resistors connected in its arms and in the diagonal. Operating experience with the above system has revealed that

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Operating Experience with Automatic-Combustion and Feed-Water Regulators . . . .

the CO_2 corrector has successfully maintained the optimum "fuel/air" ratio. A single-pulse isodromic TsKTI feed-water regulator, a 2-pulse TsKTI regulator, and a type ARP-1U feed-water regulator are described in detail. Operating characteristics of the above regulators are described, and their design imperfections — which have become clear during operating experience — are noted. It is pointed out that as a result of adoption of combustion and feed-water automation, the number of faults was cut down and the service personnel reduced by 50 at Lenenergo electric stations.

Ya.V.R.

Card 2/2

KRIVOSHEYEV, V.M., inzhener.

Automatic control of thermal processes in electric power plants of the Leningrad Regional Power Authority. Energetik 4 no.3:4-5 Mr '56. (Automatic control) (Boilers) (MLRA 9:6)

LOBANOV, Ye.M., kandidat fiziko-matematicheskikh nauk; KRIVOSHEYEV, V.M., inzhener.

Use of radioisotopes for fuel control in bunkers in power plants. Energetik 4 no.1[illegible]4-6 N. '56. (MLRA 9:12)
(Fuel) (Gamma rays--Industrial applications)

KALYSHEYEV, V.N., inzhener.

Automatic operation of chamber burners. Energetik 5 no.7:[illegible]
Jl '57. (MLRA 10:9)
(Burners)

AUTHOR: Krivosheyev, V.M., Engineer SOV-91-58-11/15/20

TITLE: Experience Gained from the Use of Semiconductors for the Purposes of Thermocontrol in Power Economy (Opyt primeneniya poluprovodnikov dlya tseley termokontrolya v energokhozyaystve)

PERIODICAL: Energetik, 1958, Nr 11, pp 32 - 35 (USSR)

ABSTRACT: Up until the present time, thermocouples, resistance thermometers and thermorelays have been used as pickups in thermal control devices and thermal automatic equipment. These pickups have many defects, such as poor sensitivity, inertness and instability of characteristics. However, the capacity of semiconductors to vary their resistance rapidly during a change of temperature makes it possible to use them as pickups of thermal control. Space semiconductor nonlinear resistances, whose electrical resistance varies sharply with a change of temperature, are known as thermistors. They are very small, have great sensitivity towards temperature, and low thermal inertia. With their use it is possible to make simple devices for controlling and regulating the tem-

Card 1/2

Experience Gained from the Use of Semiconductors for the Purposes of Thermo-control in Power Economy

perature in various industrial installations. The Tsentral'-naya energolaboratoriya Lenenergo (Central Power-Engineering Laboratory of Lenenergo) have produced the following thermal control devices; 1) a device for the signalization of the temperature of bearings; 2) thermal protection of electric machines by means of thermistors; 3) a system using thermi-stors for spraying water into shaft furnaces if the temper-ature of the dust-laden air becomes dangerously high. Some models of these devices have shown good results when tested under industrial conditions, and their wide use in electric power-stations can be recommended. There are 3 diagrams.

Card 2/2 1. Semiconductors--Temperature factors 2. Temperature control--Instrumentation

KRIVOSHEYEV, V.M.; ZHURAVLEV, V.M.

Filter-heater apparatus and ways of feeding dust into kilns.
TSement 28 no.2:18-19 Mr-Ap '62. (MIRA 15:8)

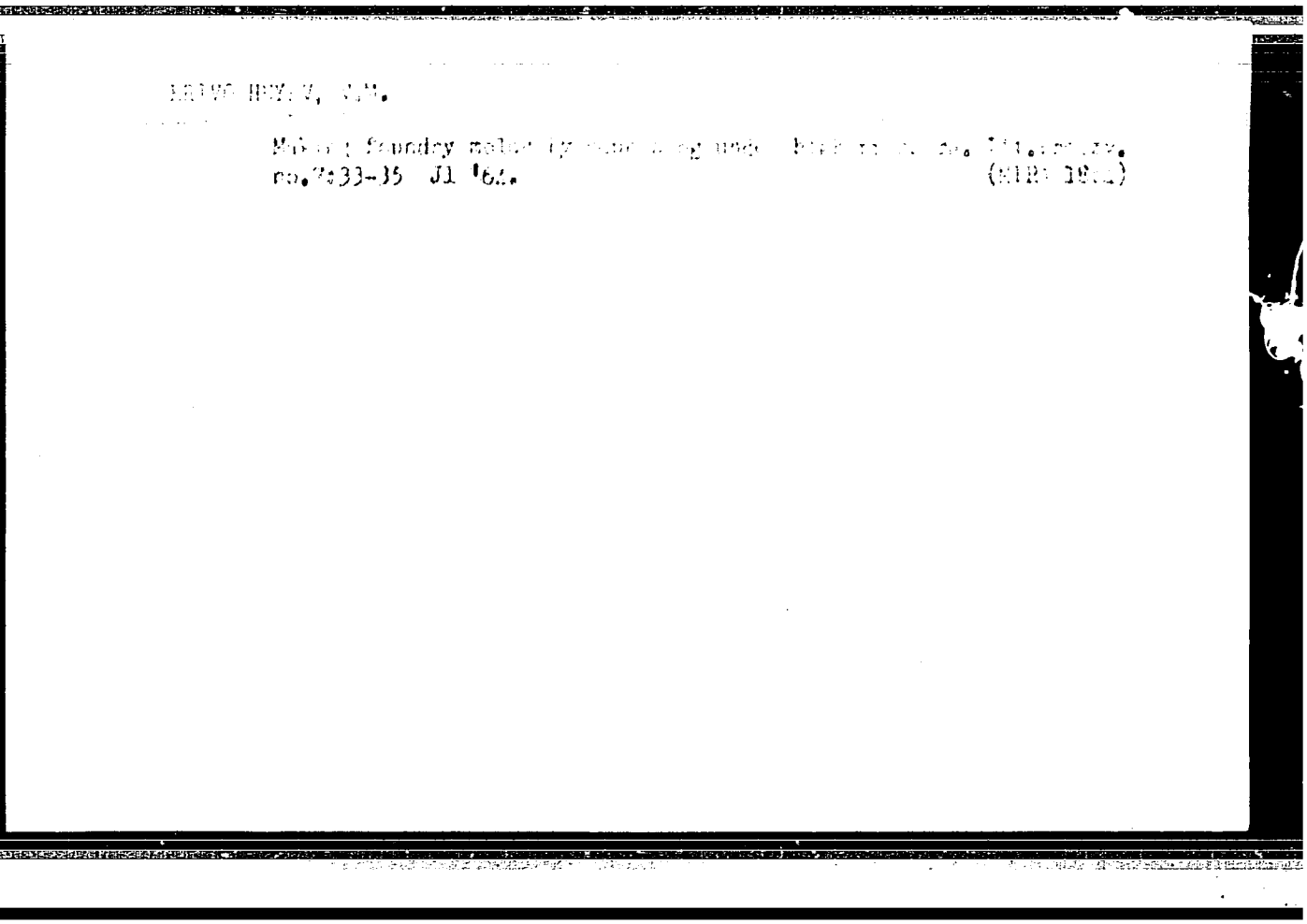
1. Rizhskiy tsementnyy zavod.
(Kilns, Rotary) (Electric filters)

KRIVOSHEYEV, V.M., inzh.; BOL'SHAKOV, I.F., inzh.

Automatic line for making sand molds. Mashinostroenie no.5:
21-23 S-O '64 (MIRA 18:2)

KRIVOSHEYEV, V.M.

Easily knocked out water glass mixture for cores. Lit. proizv. 5:38 My '64. (MIRA 18:3)



KRIVOSHEYEV, V.M.

Correcting defects in castings with epoxy resin paste. Lit.proizv. no.10:36-37 O '64. (MIRA 18:4)

KRIVOSHEYEV, V.M.

Improving the knockout property of water glass mixtures for cores. Lit.proizv. no.10:40 O '64. (MIRA 18:4)

KRIVOSHEYEV, V.M.

KRIVOSHEYEV, V.M.--"Geography in Kazan' University Before the Great October Socialist Revolution." (Dissertation For Degrees In Science And Engineering Defended At USSR Higher Educational Institutions.) (34) Min Higher Education USSR, Kazan' State U imeni V.I. Ul'yanov-Lenin, Kazan' 1955.

SO: Knizhnaya Letopis', No. 34, 20 August 1955

* For the Degree of Candidate in Geographical Sciences

3(5) SOV/12-91-2-11/21

AUTHOR: Krivosheyev, V.M.

TITLE: A Newly-formed Cavern

PERIODICAL: Izvestiya Vsesoyuznogo geograficheskogo obshchestva 1959, Nr 2, pp 173 (USSR)

ABSTRACT: The author describes a cavity formed on the 11th of July 1957 near the village of Polevaya of the Volzhskiy rayon in the Mariyskaya ASSR. It destroyed several houses in the village. The cavity produced a crater 60 m wide and 9 m deep. It remained dry at first, but 2 days later water was found 0.5 m deep. The recession of the earth, according to local witnesses, lasted about 15 to 20 min. Similar incidents had happened in the past in this region of Upper Permian limestones. This shows that an active formation of caves is still going on.

Card 1/1

SOV/128-59-5-7/35

18(5)

AUTHOR: Krivosheyev, V.M., Engineer

TITLE: PressingMolds under High Pressure

PERIODICAL: Liteynoye Proizvodstvo, 1959, Nr 5, pp 15-16 (USSR)

ABSTRACT: In the locomotive engine factory at Kremenchug, molds are pressed under high pressure by the method of Gerasimov. By this method, pieces up to a weight of 10 kg can be made, e. g. flanges, gears, etc. (Fig. 1). For the molds, sand of type 112 is made, of which the composition and the physical mechanical properties are stated. 3 to 20 pressing molds can be put one upon the other and casted in a single operation. (Fig 3,4,5). For two years, two pressing mold machines have been in operation a scheme of which is shown in Fig. (6), and which have a capacity of 900 molds per hour, working with a pressure of 200 kg per sq. cm. The process is the following: There are 3 molds (max. dimensions 500 sq.cm. x 100 mm) on a bench (Fig. 8). The molds are closed by a cover (Fig. (6) (2)) through

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which the sand is filled in automatically. After every working motion of the press, the bench is turned for 120°. The kinematics of pressing are illustrated in Fig (7). By a guide rail (3) the mechanism of a lever (2) is changed causing the motion of the bar. There are 4 diagrams and 4 photographs.

KRIVOSHEYEV, V.M.

Over-all mechanization for the production of brake shoes. Lit. proizv. no.11:13-15 N '61. (MIRA 14:10)
(Iron founding--Equipment and supplies)
(Brakes)

KRIVOSHEYEV, V.M.

Automatizing the mold pressing process. Lit.proizv. no.2:21-22 F '62. (MIRA 15:2)

(Molding (Founding))

KRIVOSHEYEV, V.M.

Large-size hollow cores made of a sodium silicate mixture. Lit. proizv. no.9:41-42 S '62. (MIRA 15:11)
(Coremaking)

KRIVOSHEYEV, V.M., inzh.

Automatic line for press forming of molds. Mekh. i avtom. proizv. 18 no.10:4-7 O '64. (MIRA 17:12)

KRIVOSHEYEV, V.M.

Decreasing the fusion of sand on steel castings. Lit. proizv. no.3:35 Mr '64. (MIRA 18:9)

KANFER, V.B.; KRIVOSHEYEV, V.N.; YEFANOVA, N.I.; KHRAPKO, N.S.

Quality of lime and the kilning cycle in a kiln with fluidized bed. Ogneupory 10 no.7:329-31 JI '64 (MIRA 18:1)

VEYTSMAN, S.G., inzh.; KRIVOSHEYEV, V.N., inzh.

Building bridge spans with a cantilever crane used in track alignment. Transp. stroi. 14 no.3:17-19 Mr '64.
(MIRA 17:6)

KRIVOSHEYEV, V.N., inzh.; POLSTYANOY, V.A., inzh.; CHERNOV, G.I., inzh.
LAZNEVOY, V.S., inzh.

Adopting machines for calcining limestone in the sintering process.
Stal' 21 no. 4:293-296 Ap '61. (MIRA 14:4)

1. Makeyevskiy metallurgicheskiy zavod.
(Ore dressing) (Limestone)

LARIN, T.V.; DEVYATKIN, V.P.; KRIVOSHEYEV, V.N.; NAUMOV, I.V.; CHALYKH, Ye.I.; SELIKHOVA, T.A., inzhener, redaktor; KHITROV, P.A., tekhnicheskiy redaktor.

[Seamless rolled wheels for railroad cars] TSel'nokatannye zheleznodorozhnye kolesa. Moskva, Gos.trans. zhel-dor.izd-vo. 1956. 187 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.124). (MLRA 9:11)

(Wheels)

KRIVOSHEYEV, V.N., kandidat tekhnicheskikh nauk.

Methods of reducing freight car uncoupling due to wheel wear (flattening). Vest. TSNII MPS 16 no.4:49-51 Je '57. (MLRA 10:8)
(Car couplings)

KRIVOSHEYEV, V.N.,

LARIN, T.V., kand.tekhn.nauk; DEVYATKIN, V.P., kand.tekhn.nauk; KRIVOSHEYEV, V.N., kand.tekhn.nauk.

Raising the quality of seamless rolled wheels. Zhel.dor.transp. 39 no.9:69-71 S '57. (MIRA 10:10)

(Car wheels)

KRIVOSHEYEV, V.N., kand.tekhn.nauk

Diameter of railroad car wheels. Vest.TSNII MPS 22 no.1:8-13 '63.
(MIRA 16:4)
(Car wheels)

LARIN, T.V., doktor tekhn. nauk; LEVYATKIN, V.P., kand. tekhn. nauk;
KRIVOSHEYEV, V.P., kand. tekhn. nauk

Using alloyed steel for seamless rolled wheels. Vest. TSNII MPS
18 no.5:32-35 Ag '59. (MIRA 13:1)
(Car wheels)

KRIVOSHEYEV, V.T.; GENDLER, S.L.; KRIVOSHEYEVA, M.G.; DEGTEREV, V.V.

Composition of rocks of the crystalline basement in the central part of the Kara Kum Platform. Izv.AN Turk.SSR.Ser.fiz.-tekh., khim.i geol. nauk no.3:113-115 '61. (MIRA 14:7)

1. TSentral'naya kompleksnaya tematicheskaya ekspeditsiya Upravleniya geologii i okhrany nedr pri Sovete Ministrov Turkmenskoy SSR.

(Kara Kum--Rocks, Crystalline and metamorphic)

KRIVOSHEYEVA, M.G.; KRIVOSHEYEV, V.T.

Composition of rocks from the Farab floor of the crystalline basis. Izv.AN Turk.SSR.Ser.fiz.-tekh., khim.i geol.nauk no.1: 122-123 '62. (MIRA 16:12)

1. TSentral'naya kompleksnaya tematicheskaya ekspeditsiya Upravleniya geologii i okhrany nedr pri Sovete Ministrov Turkmenskoy SSR.

VERESKUN, V.A.; GABRIELYANTS, G.A.; KRIVOSHEYEV, V.T.; GENDLER, S.L.

Composition of Cretaceous and Paleogene sediments in the central Kara Kum. Trudy VNIGNI no.35:203-209 '61. (MIRA 16:7)
(Kara Kum--Geology, Stratigraphic)

KRIVOSHEYEV, Yu.

Organizing work on standardization and normalization at the Izmail ship repair yard. Mor. flot 23 no.11:34-35 N '63.
(MIRA 16:12)

1. Starshiy inzh.-konstruktor Izmail'skogo sudoremontnogo zavoda.

SOKOLOVA, Ye.I.[deceased]; BRAYNZAROVA, G.T.; BUCHANOVA, N.S.; ZHIKHAREVA, V.I.; ZAKUMBAYEV, A.K.; ISAYEVA, M.G.; IMAMBAYEVA, U.A.; KRIVOSHEYEV, Yu.O.; KUDAYBERGENOV, Zh.D.; RAKHMETOVA, S.; TIUTIUKOV, F.M.; SHIM, P.S.; LAZARENKO, Ye.I.; GARANKINA, A.I.; D'YACHENKO, R.; PETUKHOV, R.M., kand. tekhn. nauk, nauchn. red.; SHUPLOVA, M.A., red.; LEVIN, M.L., red.; ROROKINA, Z.P., tekhn. red.

[Food industry of Kazakhstan] Pishchevaia promyshlennost' Kazakhstana. Alma-Ata, Izd-vo AN KazSSR, 1963. 172 p.

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut ekonomiki.

(Kazakhstan--Food industry)

L 46252-66 EWT(m)/EWP(w)/T/EWP(t)/ETI IJP(c) JD

ACC NR: AP6010094 (N) SOURCE CODE: UR/0129/66/000/003/0039/0044

AUTHORS: Dolinskaya, L. A.; Mal'tsev, V. F.; Beylinova, T. A.; Krivosheyeva, A. A.; Kosaya, A. I.; Vashchilo, T. P.

ORG: Ukrainian Scientific Research Institute for Pipes (Ukrainskiy nauchno-issledovatel'skiy trubnyy institut) 35

TITLE: Embrittlement during tempering of chromium-molybdenum-vanadium steels 16

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 3, 1966, 39-44, and insert facing p. 49

TOPIC TAGS: TEMPERING, MOLYBDENUM STEEL, alloy steel, chromium steel, vanadium steel, pearlitic steel, austenite steel / 12Kh1MF steel, 15Kh1M1F steel

ABSTRACT: The influence of the temperature of austenization, of the cooling rate after austenization, and of tempering temperature on the structure of several specimens of 12Kh1MF and 15Kh1M1F steels was studied. The work supplements the results of L. A. Dolinskaya (Stal', 1963, No. 3). The chemical composition (percent carbides), microstructure, and coercive strength of the tempered specimens were determined. The experimental results are presented in graphs and tables (see Fig. 1,. It was found that both steels, 12Kh1MF and 15Kh1M1F, tend to embrittlement as a result of tempering at 500--700C. It is concluded that the chief cause for the embrittlement in pearlitic steels during tempering is the formation of carbides resulting from the dissociation of intermediate structures.

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ACC NR: AP6010094

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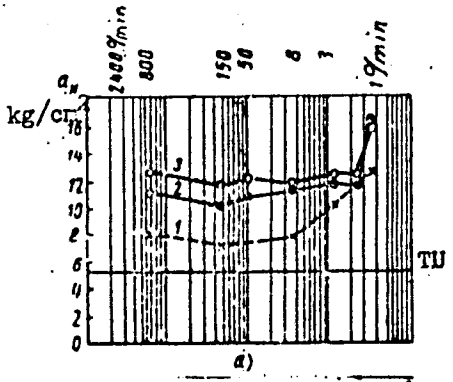
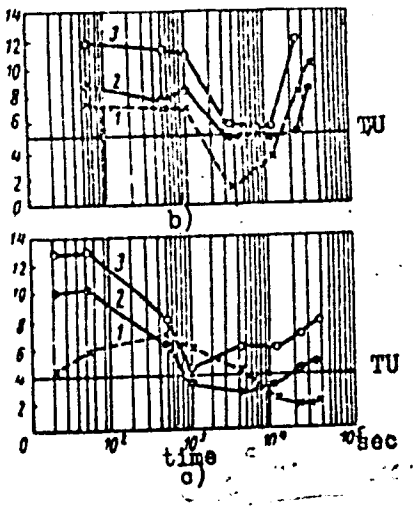
Fig. 1. Change in the impact viscosity as a function of the cooling rate: a - steel 12Kh1MF, 950C; b - 12Kh1MF, 1050C; c - 15Kh1MF, 1000—1070C; 1 - without tempering; 2 - after tempering at 700C; 3 - after tempering at 750C.





Orig. art. has: 2 tables and 6 graphs.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 003

Card 2/2 hs

26302

S/190/61/003/008/015/019
B110/B208

15.8110

AUTHORS: Krivosheyeva, I. A., Razumov, A. I., Kolesnikov, G. S.

TITLE: Studies in the series of derivatives of phosphinic and phosphinous acids. XIV. Study of polymerization of some unsaturated esters of ethyl phosphinic acid

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 3, no. 8, 1961, 1247 - 1250

X

TEXT: Following a paper by A. I. Razumov (Dissertatsiya, Kazan', 1957) reporting on the polymerizability of unsaturated esters of the $R-P(O)(OR')\cdot OCH=CCl_2$ type, the authors studied the polymerization of these esters. Preliminary experiments with methyl-2, 2-dichlorovinyl ester of ethyl phosphinic acid (ME) and with the same ester of phenyl phosphinic acid in the presence of $AlCl_3$ at 100°C were unsuccessful. The allyl-2, 2-dichlorovinyl ester of ethyl phosphinic acid (AE) was then synthesized. The following polymerization experiments were carried out with both esters: (1) at 100°C in the presence of tert-butyl peroxide;

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Studies in the series...

(2) at different temperatures in the presence of azoisobutyric acid dinitrile; (3) in methylene chloride medium at -50°C in the presence of 2 mole% $TiCl_4$; (4) in hexane medium at -20°C in the presence of butyl lithium (concentration of monomer 1 mole/liter, of the catalyst 0.03 - 0.05 moles/liter). In the case of AE, viscosity increased; with ME, no polymerization took place. Copolymerization of ME and AE with methyl methacrylate (MMA) and styrene was studied. The following was found: (1) with increasing concentration of the phosphorus-containing component, yield and intrinsic viscosity decrease, P and Cl content increase; (2) copolymers of AE and ME with styrene are not easily inflammable; (3) copolymers of ME + MMA burn; (4) only the copolymer AE + MMA containing 10% AE is completely soluble in acetone. The soluble copolymers AE + MMA are not easily inflammable, the unsoluble ones do not burn; (5) the softening temperatures of copolymers of ME and AE with styrene differ only slightly from that of polystyrene. The thermomechanical properties of MMA copolymers were not studied. The authors thank G. L. Slonimskiy for determining the thermomechanical properties, S. R. Rafikov and S. A. Pavlova for determining the molecular weights There are 1 figure, 2 tables, and 3 references:. 2 Soviet-bloc and 1 non-Soviet-bloc. The reference to the

Card 2/3

26303, 26302
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B110/B208

Studies in the series...

English-language publication reads as follows: Ref. 2: C. L. Arkus, R. J. S. Matthews, J. Chem. Soc., 1956, 4607.

ASSOCIATION: Kazanskiy khimiko-tekhnologicheskiy institut im. S. M. Kirova (Kazan' Institute of Chemical Technology imeni S. M. Kirov)
Institut elementoorganicheskikh soyedineniy AN SSSR (Institute of Elemental Organic Compounds AS USSR)

SUBMITTED: December 15, 1960

Card 3/3

ACCESSION NR: AT4020707 S/0000/63/000/000/0160/0165

AUTHOR: Krivosheyeva, I. A.; Razumov, A. I.; Teytel'baum, B. Ya.; Yagfarova, T. A.

TITLE: Studies on the derivatives of phosphonic and phosphonous acids. XIX. Study of the polymerization of the butyl- and allyl-isopropenyl esters of ethylphosphonic acid

SOURCE: Karbotsepny*ye vy*sokomolekulyarny*ye soyedineniya (Carbon-chain macromolecular compounds); sbornik statey. Moscow, Izd-vo AN SSSR, 1963, 160-165

TOPIC TAGS: phosphonic acid, phosphonous acid, butyl isopropenyl ester, ally isopropenyl ester, axodiisobutyronitrile, copolymerication, styrene, methylmethacrylate, acrylonitrile ethylphosphonic acid

ABSTRACT: The effect of the isopropenyl group on the polymerizability of esters was investigated by carrying out block polymerization of ethylphosphonates in the presence of 0.5, 1, 2, 3 and 5 mol. % axodiisobutyronitrile as an initiator at 50C for 150 hours or at 70C for 50 hours, in the presence of 1 mol. % benzoyl peroxide at 50C for 90 hours, and in the presence of 2 mol. % titanium tetrachloride in a methylene chloride medium at 50C. All experiments were carried out in an atmosphere of nitrogen. The allyl isopropenyl ester of ethyl phosphonic acid yielded a rubbery polymer which was insoluble in

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ACCESSION NR: AT4020707

the common organic solvents but soluble in hot dimethylformamide. The characteristic viscosity of the block polymer in dimethylformamide was 0.054. With 0.5% azodi-isobutyronitrile, a low-molecular viscous polymer was obtained. With higher amounts of this initiator and with benzoyl peroxide, a solid polymer was formed, although in the presence of the latter the reaction proceeded more slowly. The butylisopropenyl ester of ethylphosphonic could not be polymerized. In order to modify the properties of polystyrene, polymethylmethacrylate and polyacrylonitrile, both ethylphosphonic acid esters were copolymerized with these polymers at 50-70C in nitrogen, for 18 hours (for methylmethacrylate) up to 200 hours (for styrene), in the presence of 1 mol. % axodiisobutyronitrile based on the amount of monomers. The experimental data are tabulated, and the copolymers obtained are described. The thermomechanical properties of these copolymers are shown in graphs of deformation against temperature. Orig. art. has: 3 figures and 2 tables.

ASSOCIATION: Kazanskiy khimiko-tekhnologicheskiy institut im. S. M. Kirova (Kazan Chemicotechnological Institute)

SUBMITTED: 04Jun62 DATE ACQ: 20Mar64 ENCL: 00

SUB CODE: CH NO REF SOV: 005 OTHER: 001

Card 2/2

KRIVOSHEYEVA, I.T.

Calculating level changes caused by winds at the Dnieper mouth.
Trudy Ukr. NIGMI no.9:3-22 '57. (MIRA 11:1)
(Dnieper River) (Winds) (Black Sea)

"Study of rise and fall

KRIVOSHEYEVA, I. T., Cand Tech Sci -- (diss) "Fall and rise of [redacted] levels of the lower Dnieper." Kiev, 1958. 12 pp (Min of Higher Education UkSSR, Kiev Inst of Engineers of Water [redacted]), 100 copies (KL, 16-58, 120)

KRIVOSHEYEVA, I.T.

Characteristics of the rise and flow levels in the lower Dnieper.
Trudy UkrNIGMI no.15:49-55 '58. (MIRA 12:7)
(Dnieper River--Hydrology)

KRIVOSHEYEVA, I.T.

Thermal conditions in Lake Lenin. Trudy UkrNIGMI no.34:45-52 '62.
(MIRA 15:7)

(Lenin, Lake—Temperature)

KRIVOSHEYEVA, I.T.

Wind and wave regime of the Kakhovka Reservoir. Trudy UkrNIGMI no.39:63-72 '63. (MIRA 16:7)

(Kakhovka Reservoir--Waves)
(Kakhovka Reservoir--Winds)

KRIVOSHEYEVA, I.T.

Some data on the thermal regime of Kakhovka Reservoir. Trudy UkrNIGMI no.39:73-77 '63. (MIRA 16:7)

(Kakhovka Reservoir—Water—Temperature)

FEOKTISTOVA, N.P., kand.ekonom. nauk; KRIVOSHEYEVA, L.A., inzh.

Efficiency of the expenditures for the introduction of new equipment in the "S.M.Kirov" Flour Mills in Leningrad. Trudy MTIPP no.19:94-99 '62. (MIRA 17:4)

KRIVOSHEYEVA, L.S.

Status and prospects of the development of subtropical and citrus plants in Kirghizia. Trudy Biol.inst. KirFAN SSSR no.4:169-173 '51.
(KIRGHIZISTAN--FRUIT CULTURE) (MLRA 9:10)

KRIVOSHEYEVA, L.S.

Acclimatization of subtropical and citrus plants in Kirghizia.
Trudy Inst.bot. i rast. KirFAN SSSR no.1:49-54 '54. (MLRA 10:1)
(Kirghizistan--Fruit culture) (Acclimatization (Plants))

KRIVOSHEYEVA, L.S.

Fig and pomegranate in Kirghizia. Biul.Glav.bot.sada no.19: 130-134 '54. (MLRA 8:2)

1. Botanicheskiy sad Kirgizskogo filiala Akademii nauk SSSR. (Kirghizistan--Fig) (Kirghizistan--Pomegranate)

GAREYEV, E.Z., kand.sel'skokhoz.nauk; TKACHENKO, V.I., kand.biolog.nauk; KUNCHENKO, A.I., mladshiy nauchnyy sotr.; SHPAK, R.L., mladshiy nauchnyy sotr.; KRIVOSHEYEVA, L.S., mladshiy nauchnyy sotr.; NIKITINA, Ye.V., kand.biol.nauk, red.; ANOKHINA, M.G., tekhn.red.

[Guide to the botanical garden] Putevoditel' po Botanicheskomu sadu. Frunze, 1957. 78 p. (MIRA 11:1)

1. Akademiya nauk Kirgizskoy SSR, Frunze. Botanicheskiy sad.
2. Akademiya nauk Kirgizskoy SSR, Botanicheskiy sad, Institut botaniki (for Kareyev, Tkachenko, Kunchenko, Shpak, Krivosheyeva, Nikitina).

(Frunze--Botanical gardens)

KRIVOSHEYEVA, L.S., Cand Bio Sci —(diss) "Fig (Ficus carica) in Kirgiziya." Frunze, 1958. 24 pp (Acad Sci Kirgiz SSR. Inst of Botany). 120 copies (KL, 20-58, 95)

KRIVOSHEYEVA, L.S.

Cultivation of phlox and gladiolus in the Chu Valley. Izv. AN Kir.SSR. Ser.biol.nauk 1 no.3:83-98 '59. (MIRA 13:7)
(CHU VALLEY--PHLOX) (CHU VALLEY--GLADIOLUS)

KRIVOSHEYEVA, L.S., starshiy nauchnyy sotr.; POTOTSKAYA, Yu.S., mladshiy nauchnyy sotr.; NIKITINA, Ye.V., otv. red.; VOZHEYKO, I.V., red. izd-va; ANOKHINA, M.G., tekhn. red.

[Ornamental perennials in Kirghizistan] Dekorativnye mnogoletniki v Kirgizii. Frunze, Izd-vo AN Kirgizskoi SSR, 1960. 181 p.
(MIRA 14:11)
(Kirghizistan—Perennials)

GAN, I.A.; DZHANAYEVA, V.M.; KARAFA-KORBUT, I.G.; KRIVOSHEYEVA, L.S.; KUNCHENKO, A.I.; ORLOVA, N.A.; PROTOPOPOV, G.F.; PRUTENSKIY, D.I.; TKACHENKO, V.I.; SOROKBAYEVA, N.V., red. izd-va; POPOVA, M.G., tekhn. red.

[Trees and shrubs of Kirghizia]Derev'ia i kustarniki Kirgizii. Frunze, Izd-vo AN Kirgizskoi SSR. No.2. [Families: Liliaceae-Moraceae]Semeistva lileinye-tutovye. 1961. 211 p. (MIRA 15:10)

1. Akademiya nauk Kirgizskoy SSR, Frunze. Institut botaniki. Sektor lesa.

(Kirghizistan--Angiosperms)

KRIVOSHEYEVA, L.S.

Future development of flower gardening in Kirghizistan. Izv.AN Kir. SSR.Ser.biol.nauk 4 no.3:29-32 '62. (MIRA 15:11)
(KIRGHIZISTAN--FLOWERS)

KRIVOSHEYEVA, L.S.

Anemones are highly decorative flowers. Izv.AN Kir.SSR.Ser.Biol. nauk 4 no.3:89-93 '62. (MIRA 15:11)
(KIRGHIZISTAN—ANEMONES)

KRIVOSHEYEVA, L.S.

Results of the introduction and the use of the most decorative perennial flowering plants in the landscape gardening of Kirghizia. Izv. AN Kir. SSR. Ser. biol. nauk 5 no.2:21-27 '63. (MIRA 16:9)

KRIVOSHEYEVA, M.G.; KRIVOSHEYEV, V.T.

Composition of rocks from the Farab floor of the crystalline basis. Izv.AN Turk.SSR.Ser.fiz.-tekh., khim.i geol.nauk no.1: 122-123 '62. (MIRA 16:12)

1. TSentral'naya kompleksnaya tematicheskaya ekspeditsiya Upravleniya geologii i okhrany nedr pri Sovete Ministrov Turkmenskoy SSR.

KRIVOSHEYEV, V.T.; GENDLER, S.L.; KRIVOSHEYEVA, M.G.; DEGTEREV, V.V.

Composition of rocks of the crystalline basement in the central part of the Kara Kum Platform. Izv.AN Turk.SSR.Ser.fiz.-tekh., khim.i geol. nauk no.3:113-115 '61. (MIRA 14:7)

1. TSentral'naya kompleksnaya tematicheskaya ekspeditsiya Upravleniya geologii i okhrany nedr pri Sovete Ministrov Turkmenskoy SSR.

(Kara Kum--Rocks, Crystalline and metamorphic)

KRIVOSHEYEVA, M.G.

Sedges of Kuybyshev Province. Uch. zap. Kuib. gos. ped. inst. no.35:33-39 61. (MIRA 15:9)
(Kuybyshev Province--Sedges)

IVANOVA, T.I., prof.; VIKTOROVSKAYA, Ye.N., dotsent; LANOVOY, I.D.; KRIVOSHEYEVA, M.V.

Use of albomycin in treating women with inflammatory diseases of the genitalia. Sov.med. no.3:121-122 '62. (MIRA 15:5)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. A.V. Anisimov) i kafedry mikrobiologii (zav. - prof. T.I. Ivanova) Stanislavskogo meditsinskogo instituta (dir. - dotsent G.A. Babenko).

(GENERATIVE ORGANS, FEMALE—DISEASES)
(ALBOMYCIN)

SATEL', E.; PAVLOV, M.; KRIVOSHEYEVA, N.

Continuing the discussion on labor organization under conditions of modern technology. Sots.trud 5 no.8:60-72 Ag '60. (MIRA 13:11)

(Machinery industry)
(Donets Basin--Coal and coal mining)
(Dneprodzerzhinsk--Metallurgical plants)

KRIVOSHEYEVA, N.

Changes in the professional composition of workers in ferrous metallurgy. Biul.nauch.inform.: trud i zar.plata 4 no.5:18-20 '61. (MIRA 14:5)

(Dneprodzherzhinsk—Steel industry)

24(6) SOV/179-59-4-27/4o

AUTHORS: Gopak, K. N., Krivosheyeva, S. G., (Dnepropetrovsk)

TITLE: Bending Torsional Vibrations and Stability of the Plane Bending Form of a Supporting Bar Fixed at One Side

PERIODICAL: Izvestiya Akademii nauk SSSR. Otdeleniye tekhnicheskikh nauk. Mekhanika i mashinostroyeniye, 1959, Nr 4, pp 16o - 162 (USSR)

ABSTRACT: This investigation concerns the dynamic stability of the plane bending form of a supporting bar fixed at one side which is strained by pure bending in the plane with the maximum bending resistance by the "follow-up" moment. As was also mentioned by Ye. L. Nikolai (Ref 1), the static method by Euler cannot be applied to this problem, and the critical load is determined here by means of the dynamic method. There are 1 figure, 1 table, and 5 references, 4 of which are Soviet.

SUBMITTED: March 2o, 1958

Card 1/1

BARG, Ya.A., inzh.; KRIVOSHEYEVA, S.G., inzh.

Calculating the spring frame. Vest.elektroprom. 31 no.6:68-69 Je '60. (MIRA 13:7)
(Diesel locomotives)

BARG, Ya.A., inzh.; KRIVOSHEYEVA, S.G., inzh.

Concerning the design of electric machinery beds. Vest.elektroprom. 32 no.2:29-31 F '61. (MIRA 15:5)
(Electric machinery)

BARG, Ya.A., inzh.; GEFTER, V.I., inzh.; KRIVOSHEYEVA, S.G., inzh.

Design of diaphragm drives for electrical apparatus. Vest. elektroprom. 32 no.8:69-71 Ag '61. (MIRA 14:8)
(Electric driving) (Pneumatic driving)

KRIVOSHEYEVA, S.P.; PONYATOVSKAYA, N.I.

Preventive effect of polyvalent typhoid fever bacteriophage in experimental infection of animals with type strains of causative agents; authors' abstract. Zhur.mikrobiol.epid.i immun. no.8:32-33 Ag '53. (MLRA 6:11)
(Typhoid fever) (Bacteriophagy)

KRIVOSHEYEVA, S.Z.

Effect of bacteriophage on modifications of properties of Eberthella typhosa. Zhur.mikrobiol.epid.i immun. no.2:3-7 F '54. (MLRA 7:3)

1. Iz Ufimskogo instituta vaktsin i syvorotok im. Mechnikova (direktor U.S.Yenikeyeva, nauchnyy rukovoditel' - professor N.I. Mel'nikov). (Eberthella) (Bacteriophage)

KRIVOSHEYEVA, S. Z.

KRIVOSHEYEVA, S. Z. - "The Properties of Cultures Formed in Phagolysates of Typhoid Bacilli." Molotov State Medical Inst. Molotov, 1955. (Dissertation for the Degree of Candidate in Biological Sciences)

So; Knizhnaya Letopis', No 3, 1956

E

Country : USSR
Category: Virology. Bacterial Viruses (Phages)

Abs Jour: Ref Zhur-Biol., No 23, 1958, No 103497

Author : Krivosheyeva, S. Z.
Inst :
Title : Properties of Cultures Formed in Phagolysates of Typhoid Bacilli

Orig Pub: Sb. Bakteriofagiya. Tbilisi, Gruznedgiz, 1957, 251-255.

Abstract: After the action of polyvalent phage on typhoid bacilli the appearance of secondary growth cultures was observed on the seventh-tenth day. The majority of the secondary growth cultures possessed a decreased agglutinability. Of 28 secondary cultures tested 15 maintained the virulence of the original strains; 4 had it cut in

Card : 1/3

E

Country : USSR
Category: Virology. Bacterial Viruses (Phages)

Abs Jour: Ref Zhur-Biol., No 23, 1958, No 103497

half; five, by three quarters; and three lost it. More than 50 percent of the secondary cultures maintained their virulence, despite the loss of the Vi-antigen. After the effect of a standard typhoid phage on corresponding cultures the appearance of the secondary culture came about in 24 hours. These secondary cultures are no different from the original in their morphological-cultural and biochemical properties. Under the influence of the Vi-phage the V-forms of typhoid bacillus changed into the W form. Under the influence of type-specific phages it was possible to isolate yellow strains which have antigens in common with the typical typhoid cultures. By means of frequent transplantations through bile bouillon or

Card : 2/3

Country : USSR
Category: Virology. Bacterial Virsues (Phages)

E

Abs Jour: Ref Zhur-Biol., No 23, 1958, No 103497

passages through white mice it was possible to change the yellow strains into the typical typhoid culture. -- Ya. I. Rautenshteyn.

Card : 3/3

KRIVOSHEYEVA, S. Z.

USSR / Virology. Bacterial Viruses (Bacteriophages). E-1

Abs Jour: Ref Zhur-Biol., No 10, 1958, 42995.

Author : Krivosheeva, S. Z., Ponyatovskaya, N. I.
Inst : Not given.
Title : Method for Increasing Dysentery Phage Titer Under Industrial Conditions.

Orig Pub: Tr. Ufimsk. n.-i. in-ta vaktsin i syvorotok, 1957, No 4, 69-74.

Abstract: The best phage titers are attained by addition to the medium of 70-90 million microbial bodies per liter of medium and 0.1% of the phage, as well as by aeration (1.7-2 5 m^3 of air); with this procedure the phages retain their activity for a period

Card 1/2

USSR / Virology. Bacterial Viruses (Bacteriophages). E-1

Abs Jour: Ref Zhur-Biol., No 10, 1958, 42995.

Abstract: of 8-10 months. When the rate of aeration is increased to 6 m^3, the phage titer is diminished to 1/100 or less. The phage titers obtained under different corditions of aeration may differ in different species of dysentery bacteria.

Card 2/2

PREOBRAZHENSKAYA, Ye.I.; KRIVOSHEYEVA, V.O.; TALAPKEROV, A.Sh.

Preliminary degasification of the "Verkhnaia Marianna" seam using down-holes in mines of the Karaganda Basin. Nauch. trudy KNIUI no.16: 190-223 '64. (MIRA 18:7)

PIGOLEV, Sergey Vasil'yevich; KRIVOSHEYEVA, Ye.K., redaktor; RACHEVSKAYA, M.I., redaktor; KONYASHINA, A., tekhnicheskiy redaktor

[Foam and carbonic acid fire-extinguishers] Pennye i uglekislotnye ognetushiteli. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 44 p.
(Fire extinction--Chemical systems) (MLRA 9:3)

PIGOLEV,S.V., inzhener; POPOV,S.V., inzhener, retsenzent; KRUVOSHEYEVA, Ye.K., inzhener, redaktor; VINOKUROVA,Ye.B., redaktor; KONYASHINA,A., tekhnicheskiy redaktor

[Collection of innovations and inventions for preventing fire] Sbornik ratsionalizatorskikh i izobretatel'skikh predlozhenii po pozharnomu delu. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 72 p. (MLRA 9:4)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye pozharnoy okhrany.

(Fire prevention)

KRIVOSHEYEVA, Ye. M.

Microbiol. Branch, Inst. Microbiol. and Epidemiol., (-1944-)

The Infectious Diseases Lab., (-1944-)

"On the species body of dysentery provokers,"

Zhur. Mikrobiol., Epidemiol., i Immunobiol., No. 6, 1944.

KRIVOSHEYEVA, Yu V.

USSR/Microbiology - Medical and Veterinary Microbiology F-4

Abs Jour : Referat Zhurn - Biol., No 16, 25 Aug 1957, 68624

Author : Bubes, S.F., Krivosheeva, Yu.V.
Title : The Sources of Dysentery Infection in Very Young Children.

Orig Pub : Uch. zap. Dagestansk. n.-i. in-t po proiz-vu pitateln. Sred, 1956, No 2, 98-100

Abstract : No abstract.

Card 1/1

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